



DINAN

**WHEEL SPACER KIT
INSTALLATION INSTRUCTIONS**

PART NUMBER D210-2319

DESCRIPTION: 3/16" (4.8mm)

APPLICATION: 2006 M5 & M6

PARTS LIST

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
2	D212-2019	3/16" Wheel Spacer
10	D221-1234	12 x 34 BMW Lug Bolt (for Front)
10	D221-1228	12 x 28 BMW Lug Bolt (for Rear)

Congratulations for being selective enough to use Dinan Engineering Wheel Spacers. We have developed these spacers specifically for Dinan's BMW wheel fitments to eliminate balance problems associated with "universal wheel spacers". High quality materials and precision machining are utilized to assure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these installation instructions and contact us if you have any difficulties during the installation.

NOTES:

- a. This kit is designed for use with the following Dinan wheels and approved tire sizes on a M5 or M6:
 - 19 x 9" Front Wheel (p/n D750-4990/18RDC) with a 275/30-19 tires.
 - 19 x 10" Rear Wheel (p/n D750-4910/25RDC) with a 295/30-19 tires.Do not use this kit with any other combination of wheels, tires, or vehicles!

- b. There are two lug bolt lengths supplied in this kit. The longer lug bolts are of the proper length to secure a Dinan wheel to a stock BMW hub and brake rotor assembly with the 3/16" spacer in place. *Whenever the wheels are removed, care must be taken to assure that the front and rear lug bolts are not mixed up!*

- c. Do not work on vehicles supported by a jack only. Use secure jack stands!

INSTALLATION:

1. Remove front wheels.
2. Place wheel spacer on hub so that the countersink in the center pilot hole faces the brake rotor.
3. Install Dinan 19x9 front wheels on vehicle using the supplied longer lug bolts. Torque to 75-80 ft-lbs.
4. Remove rear wheels.
5. Install Dinan 19x10" rear wheels on vehicle using the supplied stock-length lug bolts. Torque to 75-80 ft-lbs.
6. Verify that the proper clearance exists between the tire/rim assembly and all other components of the vehicle in proximity to the wheel. Check the following areas:
 - Rim to strut tube. (Min. 1/8")
 - Tire to Fender lip. (Min. 3/16")
 - Tire to front and rear of fender well. (Min. 1")
 - Rim to Brake lines and sensor wires. (Min. 1")
 - Rim to suspension components in full lock, both directions. (Min. 1/4")These minimum clearances must be maintained throughout the travel of the suspension. Do not rely on the ride height of the vehicle when stationary to provide the appropriate clearance. The suspension will bottom out regardless of the spring rate you are running. Clearance must exist or damage to the vehicle will occur.